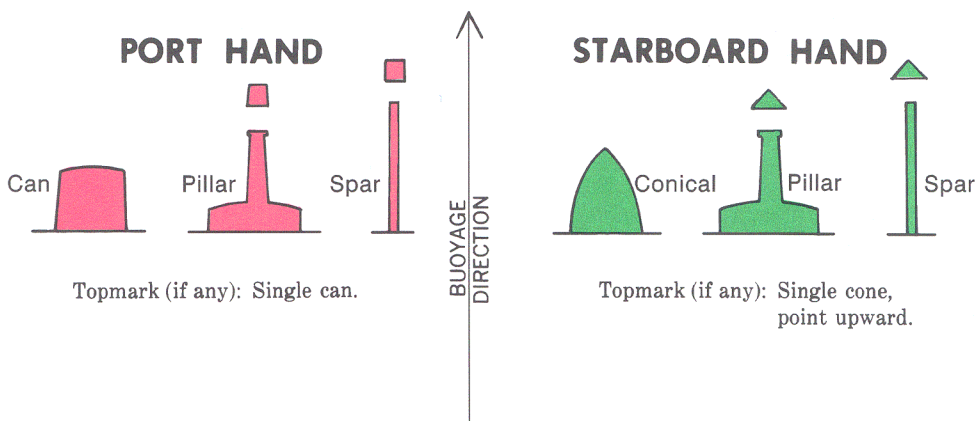
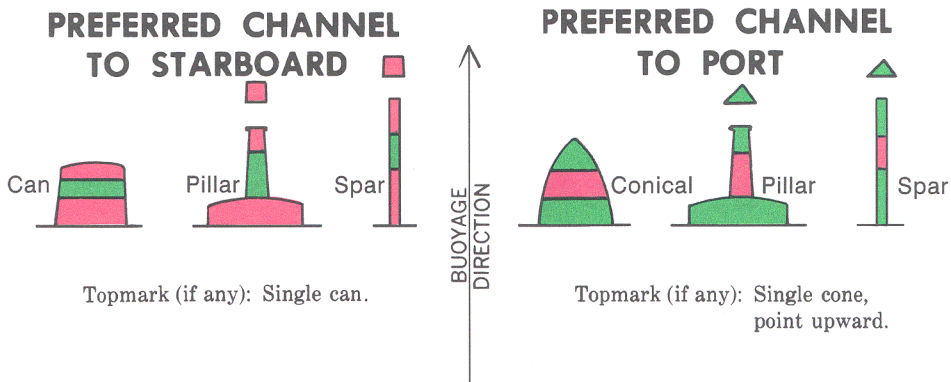
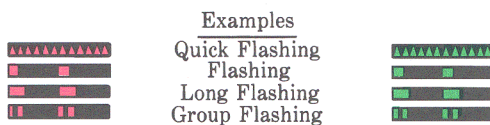


# IALA MARITIME BUOYAGE SYSTEM

## LATERAL MARKS REGION A



Lights, when fitted, may have any phase characteristic other than that used for preferred channels.

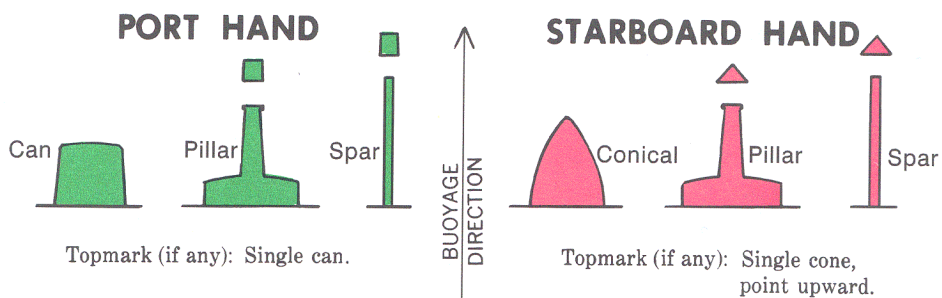


Lights, when fitted, are composite group flashing Fl (2 + 1).

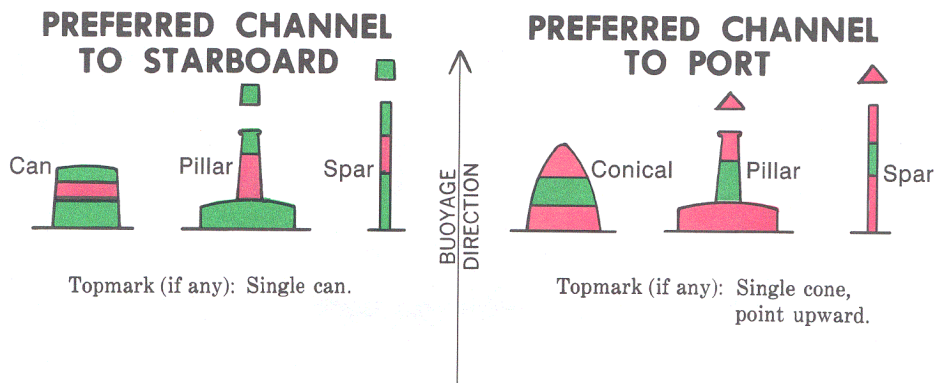
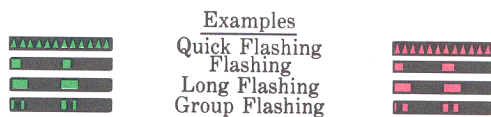


# IALA MARITIME BUOYAGE SYSTEM

## LATERAL MARKS REGION B



Lights, when fitted, may have any phase characteristic other than that used for preferred channels.

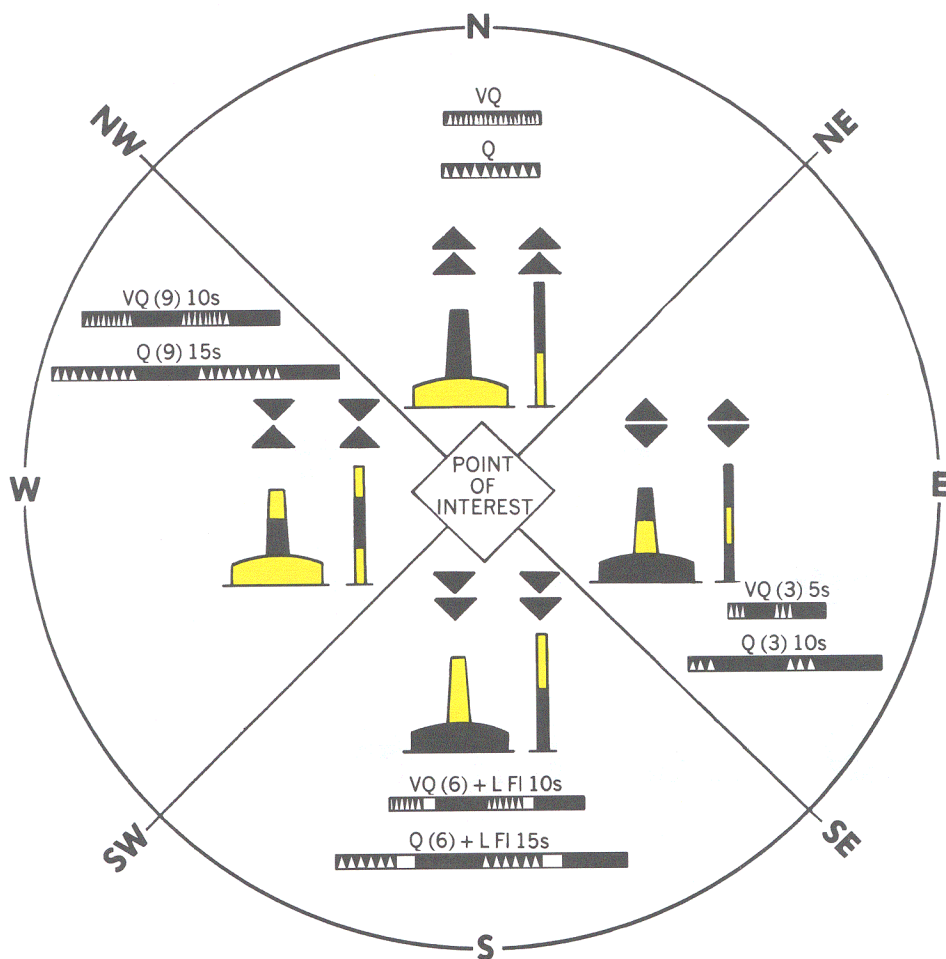


Lights, when fitted, are composite group flashing Fl (2+1).



# IALA MARITIME BUOYAGE SYSTEM CARDINAL MARKS REGIONS A AND B

Topmarks are always fitted (when practicable).  
Buoy shapes are pillar or spar.

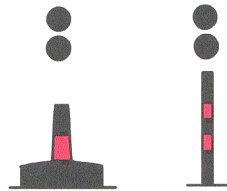


Lights, when fitted, are **white**, Very Quick Flashing or Quick Flashing; a South mark also has a Long Flash immediately following the quick flashes.

# IALA MARITIME BUOYAGE SYSTEM REGIONS A AND B

## ISOLATED DANGER MARKS

Topmarks are  
always fitted  
(when practicable).



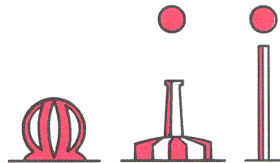
Light, when fitted, is  
**white**  
Group Flashing (2)



Shape: Optional, but not  
conflicting with lateral  
marks; pillar or spar  
preferred.

## SAFE WATER MARKS

Topmark (if any):  
Single sphere.



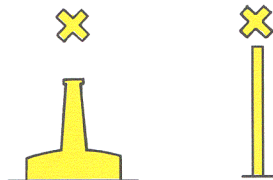
Light, when fitted,  
is **white**  
Isophase or Occulting,  
or one Long Flash  
every 10 seconds or  
Morse "A"



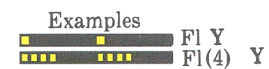
Shape: Spherical  
or  
pillar or spar.

## SPECIAL MARKS

Topmark (if any):  
Single X shape.



Light (when fitted) is  
**yellow** and may have  
any phase characteristic  
not used for white lights.



Shape: Optional, but not  
conflicting with  
navigational marks.